

POWER TRANSMISSION

ABSTRACT OF THE DISCLOSURE

A power transmission includes a first rotating member driven by an external drive source, an electromagnetic solenoid provided to the first rotating member, a second rotating member fixed to a main shaft of a rotary apparatus, and a mechanism for engaging and disengaging a plunger of the electromagnetic solenoid from the second rotating member. When the rotary apparatus is not used, the energy of the external drive source may be prevented from being wasted by interrupting the torque transmission from the first rotating member to the second rotating member by the operation of the mechanism for engaging and disengaging.